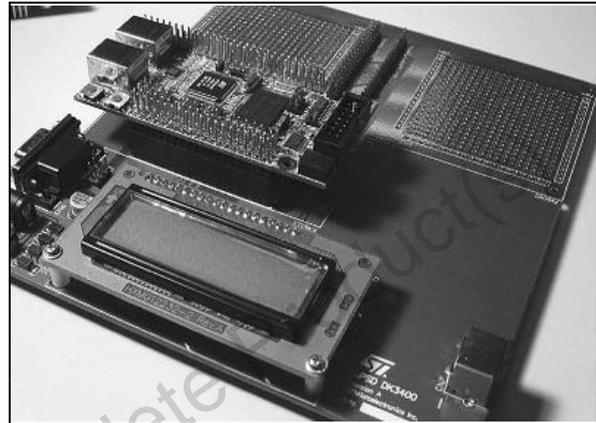


**DK3400 demonstration kit**

Data brief

**Features**

- Comprises both the ED3K4 evaluation board and DK3400 motherboard
- Selectable power sources for ED3K4: USB cable and 5 V wall adapter
- Dual USB port for E-RLINK and uPSD USB users
- 100-pin expansion connector
- JTAG port
- RS232 connector
- 5 V power jack on ED3K4 and 9 V power jack on the DK3400 motherboard
- 128 Mbit NAND Flash
- Real-time clock (RTC)
- 8 Mbit SPI Flash
- 16 Kbit I<sup>2</sup>C EEPROM
- RLINK embedded debug tools
- IrDA transceiver
- 122\*32 dot matrix LCD with Chinese font support
- PS/2 keyboard connector



The DK3400 kit consists of an ED3K4 module and DK3400 motherboard as well as all the items needed to explore the uPSD3400 MCU. There are also demonstration application examples along with an evaluation copy of the tools needed to develop and compile code for the uPSD3400.

**Description**

The DK3400 kit is a demo board for the uPSD3400 family which is a series of 8051 class microcontrollers (MCUs) that contain a fast Turbo Plus 8032 core with 16-bit code fetch path, full-speed USB port, a large dual bank Flash memory, a large SRAM, many peripherals, programmable logic and a JTAG Debug / In System Programming (ISP) port.

# 1 Ordering information

Table 1. Device summary

| Order code | Reference                |
|------------|--------------------------|
| DK3400     | DK3400 demonstration kit |

Obsolete Product(s) - Obsolete Product(s)

## 2 Revision history

Table 2. Document revision history

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 03-Nov-2010 | 1        | Initial release. |

Obsolete Product(s) - Obsolete Product(s)

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